FORM 3

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	_
AMENDED REPORT	\Box
(highlight changes)	

	4	APPLICAT	ION FOR P	ERMIT TO	DRILL	:	5. MINERAL LEASE NO: ML-22974	6. SURFACE: State
1A. TYPE OF WORK: DRILL Z REENTER DEEPEN D						7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:	
B. TYPE OF WE	ELL: OIL 🗌	GAS 🗸	OTHER	SIN	GLE ZONE MULTIPLE ZON	IE 🗾	8. UNIT OF CA AGREEMENT NB U	NAME:
2. NAME OF OPE		VS COMPAN	V I B		· · · · · · · · · · · · · · · · · · ·		9. WELL NAME and NUMBER NBU 1022-20F	₹:
3. ADDRESS OF	111	AS COMPAN	T, L.P.		PHONE NUMBER:		10. FIELD AND POOL, OR W	ILDCAT:
1368 S 1200 E CITY VERNAL STATE UT ZIP 84078 (435) 781-7060						Matura /	Buttes	
4. LOCATION OF	WELL (FOOTAGE						11. QTR/QTR, SECTION, O MERIDIAN:	WNSHIP, RANGE,
AT SURFACE:	1867' FNL	2350' FWL	63/245	χ ,	39,936432		SENW 20 10	S 22E
AT PROPOSE	PRODUCINGZO	NE:	442162	14	109.463943			
14. DISTANCE IN	MILES AND DIRE	CTION FROM NEAR	REST TOWN OR POST	OFFICE:	_		12. COUNTY:	13. STATE: UTAH
23 MILES	SOUTHE	AST OF OUF	RAY, UTAH				UINTAH	
15. DISTANCE T	O NEAREST PROP	PERTY OR LEASE LI	NE (FEET)	16. NUMBER O	FACRES IN LEASE:	17. N	UMBER OF ACRES ASSIGNED	TO THIS WELL:
1867'					320			40
	O NEAREST WELL R) ON THIS LEASE	(DRILLING, COMPL	ETED, OR	19. PROPOSED	DEPTH:	20. B	OND DESCRIPTION:	
	о торо с	- ()			8,625	RI	_B0005238	
21. ELEVATIONS	(SHOW WHETHE	R DF, RT, GR, ETC.):	22. APPROXIMA	ATE DATE WORK WILL START:	1	STIMATED DURATION:	
5299.1' GL					TC	BE DETERMINED) 	
24.			PROPOSEI	CASING A	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIG	HT PER FOOT SE	ETTING DEPTH	CEMENT TYPE, QU	ANTITY,	YIELD, AND SLURRY WEIGHT	T
	14"	<u> </u>		40				
12 1/4"	9 5/8"	H-40	32.3#	1,900	PREM CMT	26	55 SX 1.18	15.6
7 7/8"	4 1/2"	I-80	11.6#	8,625	PREM LITE II	39	90 SX 3.38	3 11
					50/50 POZ G	136	30 SX 1.3	14.3
							<u> </u>	
25.			I	ATTA	CHMENTS			
	LLOWING AREAT	TACHED IN ACCOR	DANCEWITH THE UTA	H OIL AND GAS C	ONSERVATION GENERAL RULES:			
					COMPLETE DRILLING PLAN			
			FORM 5. IF OPERATOR IS PE	BSON C	DR COMPANY OTHER THAN T	HE LEASE OWNER		
✓ EVIDENO	LE OF DIVISION O		PPROVAL FOR USE O		FORM 5, II OF EIGHT ON 13 FE			
NAME (PLEASE	_{PRINT} , DEBR	A DOMENIC	ì		TITLE ASSOC. ENVI	IRON	MENTAL ANALYS	Т
SIGNATURE	Delin	Dom	ema -		DATE 9/29/2005			
(This space for Sta	te use only)		27 27 28 20 20 20 20 20 20 20 20 20 20 20 20 20	Appr Utah	roved by the Division of		RECEIVE	

43-047-37221 API NUMBER ASSIGNED:

OCT 0 3 2005

DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M. WESTPORT OIL AND GAS COMPANY, L.P. Well location, NBU #1022-20F, located as shown 1991 Alum. 1991 Alum. Cap 1.0' Above 1991 Alum. Cap. Cap 0.4' High, 0.5' High Pile of Stones in the SE 1/4 NW 1/4 of Section 20, T10S, R22E, -Pile of Stones Pile of Stones N89'43'05"W - 2653.37' (Meas.) S89°18'30"W - 2646.53' (Meas.) S.L.B.&M. Uintah County, Utah. BASIS OF ELEVATION (Meas. TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 53, MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL 2641. SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET. BASIS OF BEARINGS Ŋ, BASIS OF BEARINGS IS A G.P.S. OBSERVATION. NBU #1022-20F 12 2350 Elev. Ungraded Ground = 5299' N00004 1991 Alum. Cap 1.0' High, Pile of Stones 20 0.1' Above 1' High Pile of Stones (Meas. 98, 2640. SCALE CERTIFICATE M., 15, 90.00N THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR JUNDER MY SUPERVISION AND THAT THE SAME ARE THE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BENEF REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UNAH S89'49'20"W - 2654.64' (Meas.) S89°52'20"W - 2653.25' (Meas.) & LAND SURVEYING ___ 1991 Alum. Cap 0.4° └ 1991 Alum. Cap 0.1° 1991 Alum, Cap -UINTAH ENGINEERING Above 0.8' High Pile 0.1' High, Pile Above 1.0' High Pile of Stones, Steel Post of Stones of Stones 85 SOUTH 200 EAST -VERNAL UTAH 84078 (NAD 83) (435) 789-1017 LATITUDE = 39.56'11.80'' (39.936611) LEGEND: SCALE DATE SURVEYED: LONGITUDE = 109'27'52.80" (109.464667) DATE DRAWN: 1" = 100008-15-05 = 90° SYMBOL 08 - 29 - 05PARTY (NAD 27) REFERENCES PROPOSED WELL HEAD. LATITUDE = 39.56'11.92" (39.936644) D.K. L.K. L.K. G.L.O. PLAT WEATHER LONGITUDE = 109°27'50.34" (109.463983) = SECTION CORNERS LOCATED. FILE WESTPORT OIL AND **WARM** GAS COMPANY, L.P.

NBU 1022-20F SENW SEC 20-T10S-R22E UINTAH COUNTY, UTAH ML-22974

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

Uinta 0-3 Green River 112 Wasatch 427	<u>oth</u>
	Surface
Wasatch 421	5'
1, 600	5'
Mesaverde 675	0'
TD 862	.5'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1125'
Gas	Wasatch	4275'
Gas	Mesaverde	6750'
Water	N/A	
Other Minerals	N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program:</u>

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8625' TD, approximately equals 3450 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1552.5 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please refer to the attached Drilling Program.

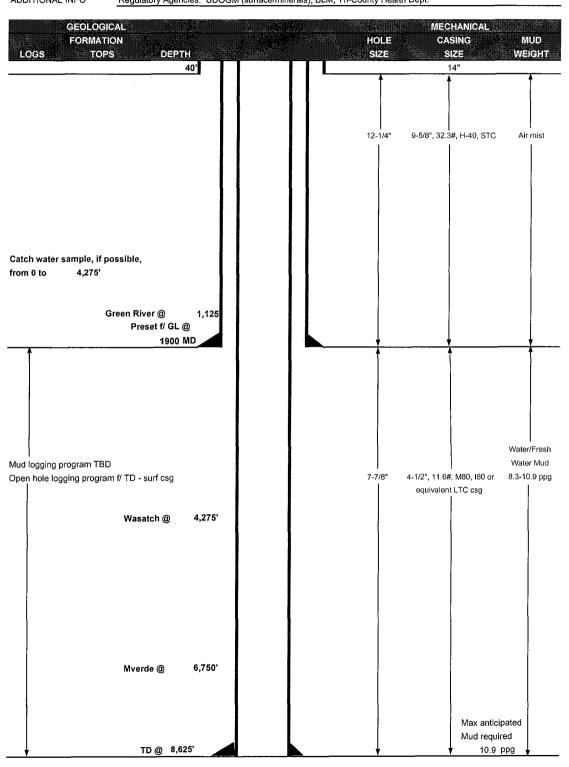
10. Other Information:

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

Westport Oil and Gas Co., L.P. COMPANY NAME September 19, 2005 NBU 1022-20F 8,625' MD/TVD WELL NAME TD 5,299' GL FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION KB 5,314' SURFACE LOCATION SENW SECTION 20-T10S-R22E 1867'FNL & 2350'FWL BHL Straight Hole 39.936611 Longitude: 109.464667 Latitude: OBJECTIVE ZONE(S) Wasatch/Mesaverde ADDITIONAL INFO Regulatory Agencies: UDOGM (surface/minerals), BLM, Tri-County Health Dept.





Westport Oil and Gas Company, L.P. <u>DRILLING PROGRAM</u>

CASING PROGRAM

								ar the fi	ESIGN FACT	DRS
	SIZE	11	ITERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
								2270	1370	254000
SURFACE	9-5/8"	0	to	1900	32.30	H-40	STC	0.76*****	1.66	4.73
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	8625	11.60	M-80 or 1-80	LTC	2.60	1.30	2.30
	:									

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.9 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 29

2991 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele		,		,
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				į
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,775'	Premium Lite II + 3% KCI + 0.25 pps	390	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender	1			1
TAIL	4,850'	50/50 Poz/G + 10% salt + 2% gel	1360	60%	14.30	1.31

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annu	lar to 1,500 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function test rams on each trip. Maintain safety valve & i	nside BOP on rig floor at all times. Kelly to be equipped with upper
& lower kelly valves.	
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5	degrees.
Most rigs have PVT Systems for mud monitoring. If no PVT is availab	le, visual monitoring will be utilized.

DATE:

DRILLING SUPERINTENDENT:

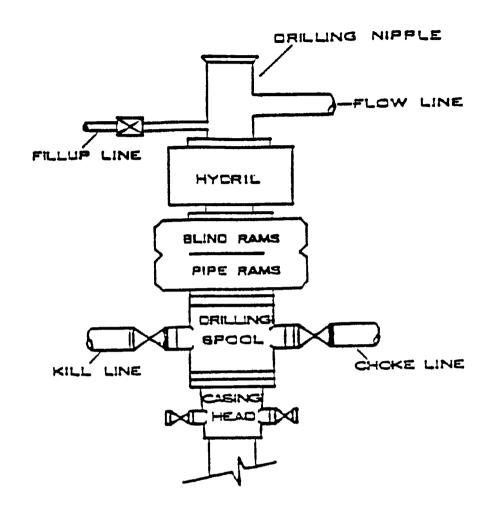
DRILLING

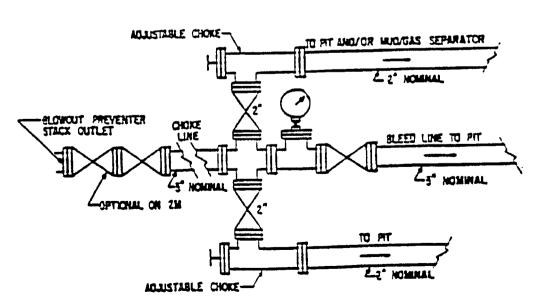
Randy Bayne NBU1022-20F_APD.xls

Brad Laney

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

EOP STACK





NBU 1022-20F SENW SEC 20-T10S-R22E Uintah County, UT ML-22974

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 0.2 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 1153' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. <u>Surface Ownership</u>:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

NBU	10	122	-20	Œ
$\mathbf{R}\mathbf{D}\mathbf{U}$	11	144	-20	'n.

Surface Use & Operations Plan

Page 6

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici 9/29/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20F SECTION 20, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1022-20J TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 280' TO THE PROPOSED #1022-20J AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20F

LOCATED IN UINTAH COUNTY, UTAH SECTION 20, T10S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

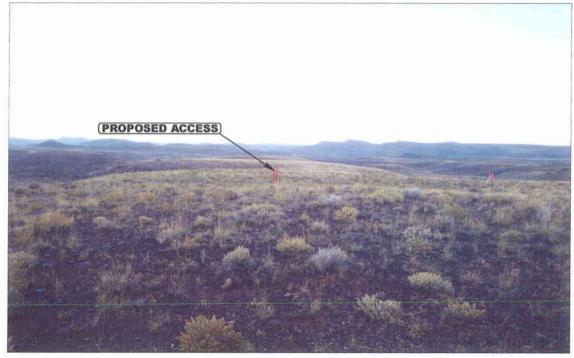


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

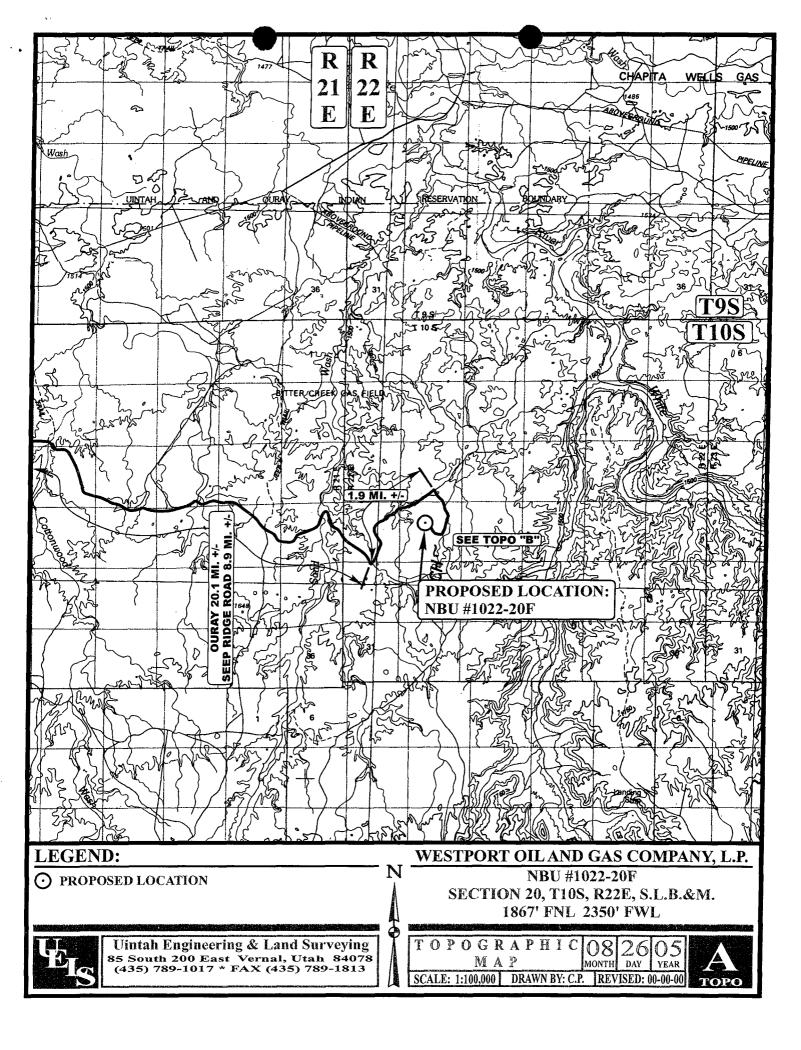


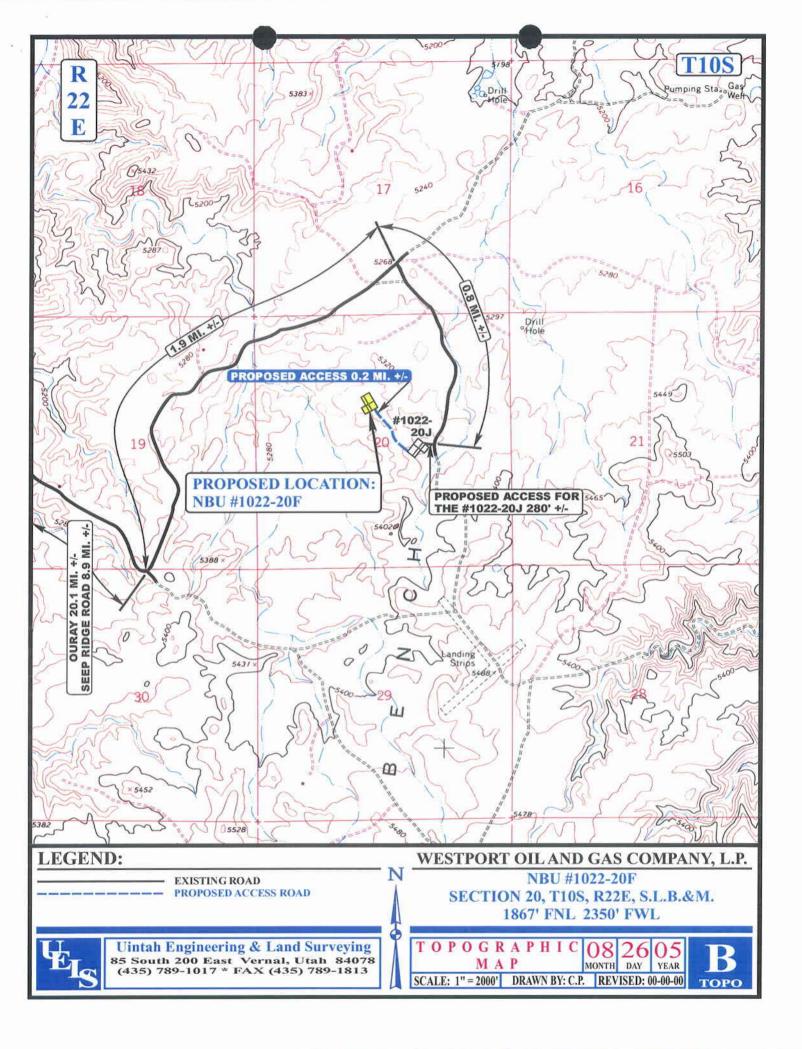
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

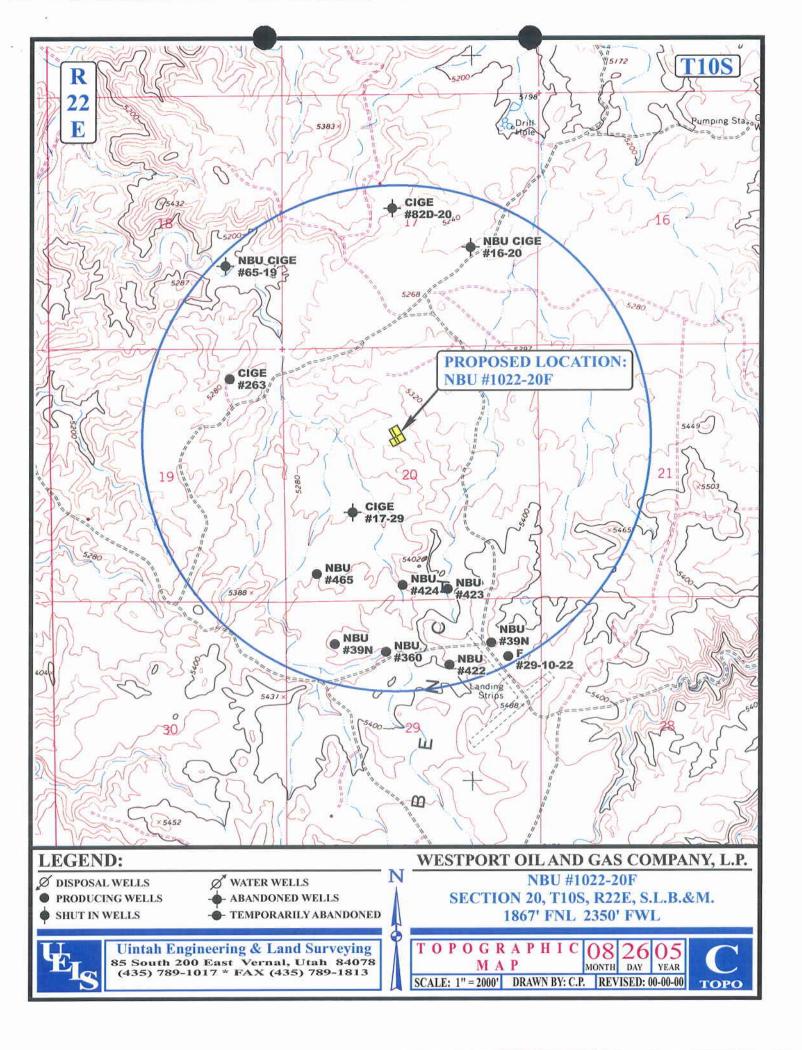
LOCATION PHOTOS

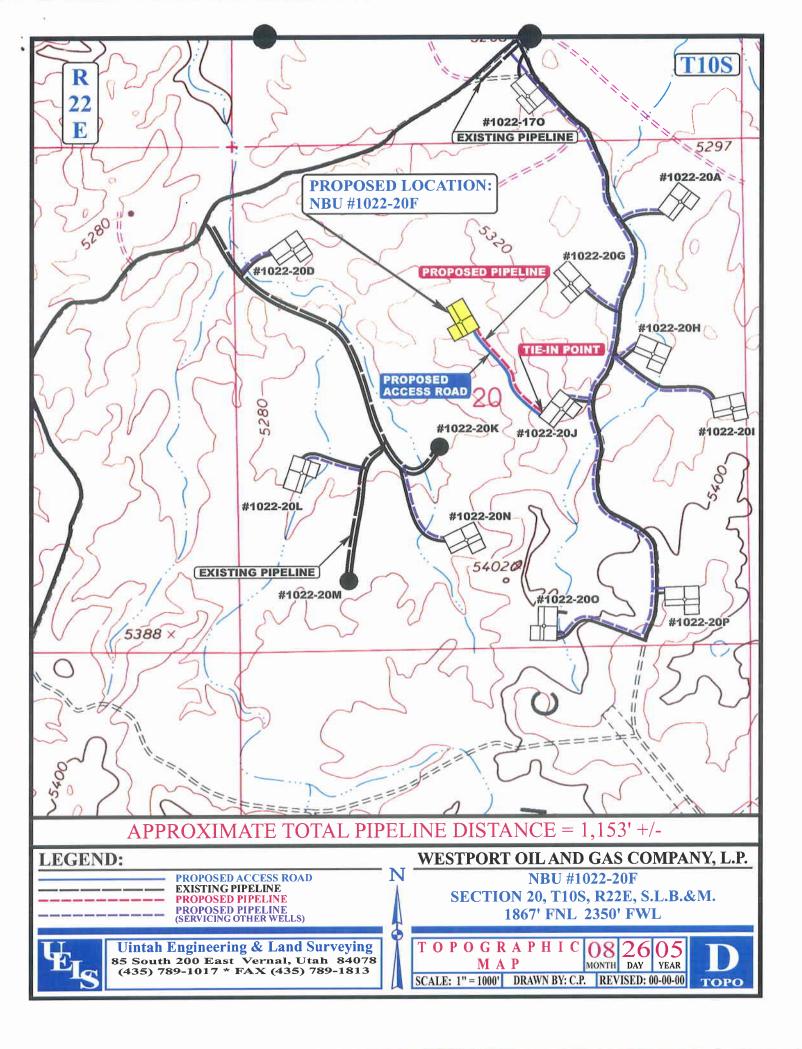
РНОТО

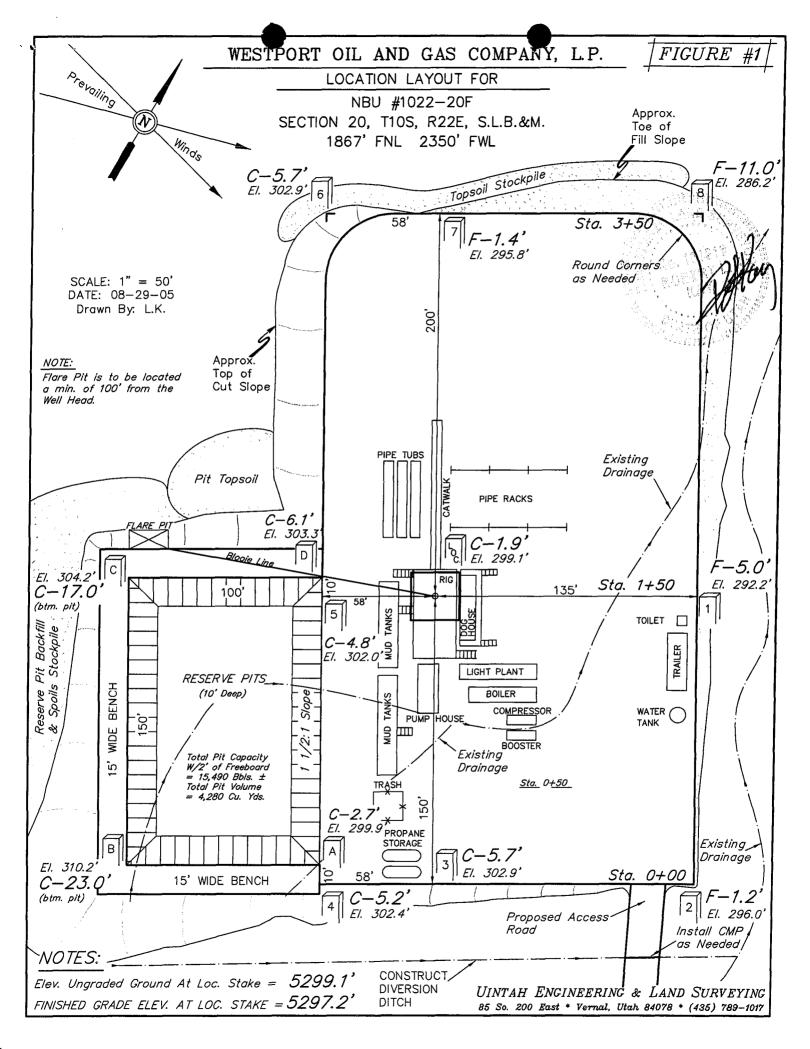
TAKEN BY: G.O. DRAWN BY: C.P. REVISED: 00-00-00

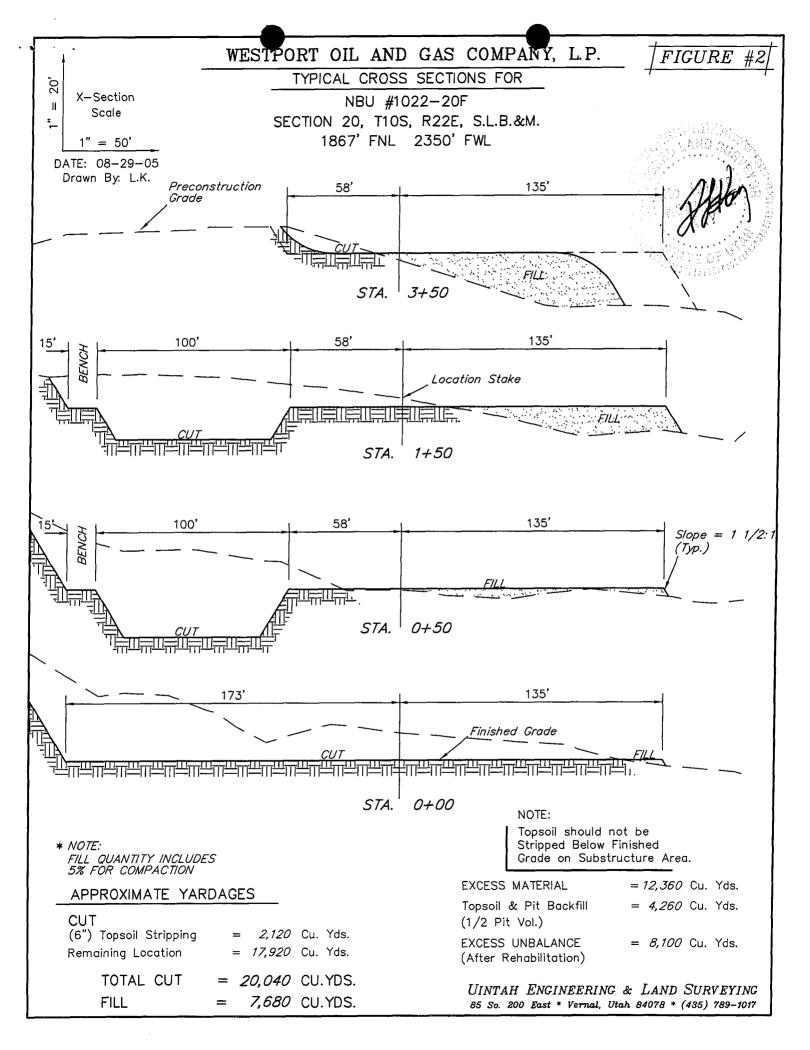




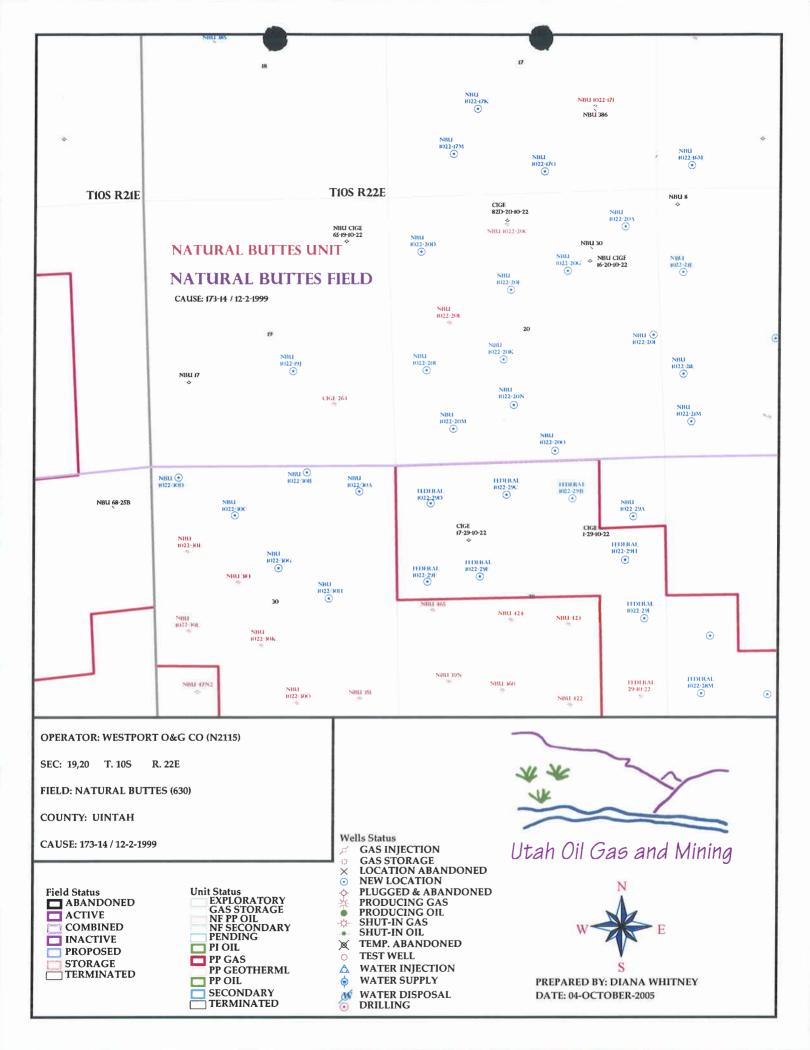








APD RECEIVED: 10/03/2005	API NO. ASSIGN	IED: 43-047-372	221
WELL NAME: NBU 1022-20F OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI	PHONE NUMBER: 4	35-781-7060	
PROPOSED LOCATION: SENW 20 100S 220E SURFACE: 1867 FNL 2350 FWL BOTTOM: 1867 FNL 2350 FWL UINTAH NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-22974 SURFACE OWNER: 3 - State PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	INSPECT LOCATION Tech Review Engineering Geology Surface LATITUDE: 39.9 LONGITUDE: -109	Initials DOCO	Date
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. RLB0005236) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) A Fee Surf Agreement (Y/N) NUM Intent to Commingle (Y/N)	Prilling Un Board Cause Eff Date: Siting: Ψψ	TES General From Qtr/Qtr & 920' Exception	ncomm. That
COMMENTS: Meds Provide STIPULATIONS: 1-On St			



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Westport Oil	& Gas Company,	L.P.	
WELL NAME & NUMBER:	NBU 1022-20	F		
API NUMBER:	43-047-37221			
LOCATION: 1/4,1/4 SE/NW	Sec: 20 <i>TWP</i> : 10S <i>I</i>	RNG: <u>22 E</u> <u>1867</u>	FNL <u>2350'</u> FWL	
(UTM): 4421621 Y 062124	<u>5 X</u> SURFACE OV	VNER: State of U	Itah (SITLA)	
Geology/Ground Water:				
Westport proposes to set 1,900	of surface casing a	t this location. Tl	ne depth to the base	of the moderately
saline water at this location is				
shows 1 water well within a 10	,000 foot radius of th	e center of sectio	n 20. This well is	approximately 1.5 miles
from the proposed location and	produces from a der	oth of 1850'. The	e well is owned by t	he BLM and its use is
listed as stock watering. The s	urface formation at th	is site is the Uin	ta Formation. The	Uinta Formation is
made up of interbedded shales	and sandstones. The	sandstones are m	ostly lenticular and	discontinuous and
should not be a significant sou	ce of useable ground	water. Production	on casing cement sh	ould be brought to
above the base of the moderate	ly saline groundwater	r in order to isolat	te it from fresher wa	aters uphole.
Reviewer:I	Brad Hill	Date:_	10/18/05	
Surface:				
The pre-drill investigation of th	a gurfaga uyag narfarr	ad on 10/12/2005	The site is State su	erfoce and State Mineral
The proposed location poses no	-			
in the immediate area. Ed Bon			•	
invited to attend the presite on				
from drilling the well. Mr. Wil				
when closing the location.	mams gave wir. Estes	a D W K recommit	maca seca milk to u	se on the reserve pit and
whom crossing the rocation.				
Reviewer: Flo	yd Bartlett	Date:	10/14/05	

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils with a felt sub-liner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Westport Oil & Gas Company, L.P.

WELL NAME & NUMBER: NBU 1022-20F

API NUMBER: 43-047-37221

LEASE: ML-22974 FIELD/UNIT: Natural Buttes

LOCATION: 1/4,1/4 SE/NW Sec: 20TWP: 10S RNG: 22 E 1867' FNL 2350' FWL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): 4421621 Y 0621245 X SURFACE OWNER: State of Utah

(SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Carol Estes, Clay Einerson and Debra Domenici (Westport), Ben Williams (UDWR), Brandon Bowthorpe (Uintah Engineering & Land Survey).

REGIONAL/SETTING TOPOGRAPHY

The general location is in the East Bench area approximately 23 miles south east of Ouray, Utah. Cottonwood Wash is approximately two miles to the west while Bitter Creek is about the same distance to the east. The site is on a south slope outside a swale, which runs to the west. The topography is moderately sloping to the south. A diversion ditch directing any flow around the south side of the location will intercept small drainages. Access to the area is by Uintah County and oil field access roads. Approximately 0.2 miles new road will be required.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 350'x 193' and a reserve pit of 100' x 150' with an additional 15' wide bench. Approximately 0.2 miles of new road will be required. A 1,153' pipeline will be laid adjacent to the road All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached map from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as the general use in the area is oil-field

related with numerous other wells in the surrounding area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Cheat grass dominated, big sage, Gardner saltbrush, curly mesquite, snake broom weed, greasewood, shadscale, prickly pear. Antelope, rabbits,, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Moderately deep medium brown sandy loam. Frequent fractured surface rock or pavement.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion.

Sedimentation and stability are not a problem and location
construction shouldn't cause an increase in stability or erosion
problems. A diversion ditch directing any flow around the south side
of the location will intercept small drainages.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 100' by 150' and 10'deep. The reserve pit is all within cut. A 15' wide bench is planned around the outer edges and 2 of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level 1 sensitivity. A 16-mil liner with a felt pad will be required for the reserve pit. Westport stated they use, as a minimum standard, a 20-mil liner with a felt sub-liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Surveyed on 8-21-2005 by MOAC. Report has been submitted to SITLA.

OTHER OBSERVATIONS/COMMENTS

Ben Williams of the UDWR stated that the area is classified as critical yearlong antelope range, however he did not recommend any stipulations,

as water is the limiting factor affecting the population not forage. No other wildlife is expected to be affected.

This predrill investigation was conducted on a sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

10/12/2005; 11:30 AM

DATE/TIME

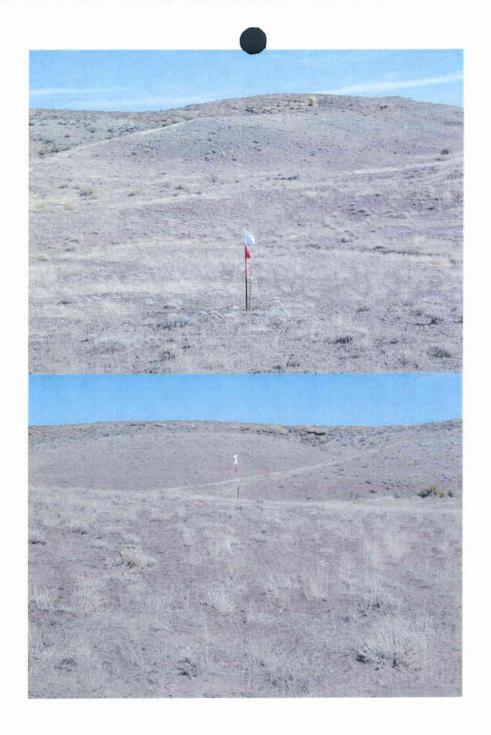
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200 100 to 200	0 5	
75 to 100	10	
25 to 75 <25 or recharge area	15 20	0
Distance to Surf. Water (feet)		
>1000	0 2	
300 to 1000 200 to 300	10	
100 to 200	15	
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280 500 to 1320	5 10	
<500	20	0
Distance to Other Wells (feet)	_	
>1320 300 to 1320	0 10	
<300	20	10
Native Soil Type		
Low permeability Mod. permeability	0 10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist Fresh Water	0 5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of	15	
hazardous constituents	20	5
Drill Cuttings		
Normal Rock Salt or detrimental	0 10	0
	10	
Annual Precipitation (inches) <10	0	
10 to 20	5	0
>20	10	0
Affected Populations <10	0	
10 to 30	6	
30 to 50 >50	8 10	0
Presence of Nearby Utility Conduits	_	
Not Present Unknown	0 10	
Present	15	0

25 (Level I Sensitivity)

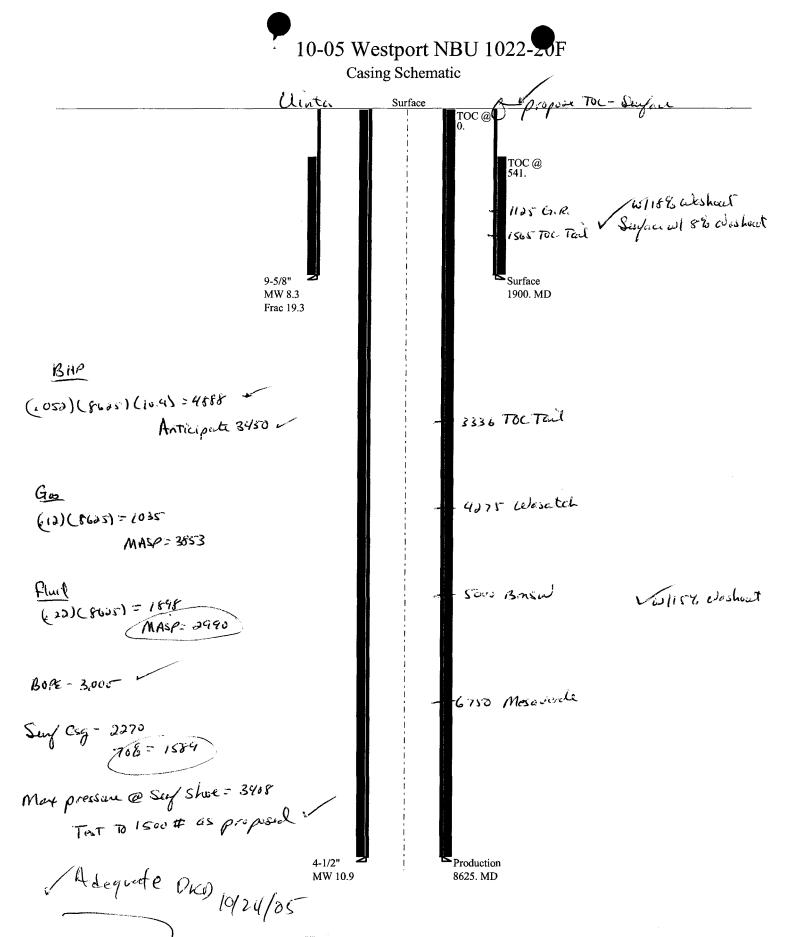
Sensitivity Level I = 20 or more; total containment is required. Sensitivity Level I = 15-19; lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.

Final Score







Well name:

10-05 Westport NBU 1022-20F

Operator:

Westport Oil & Gas

String type:

Surface

Location:

Uintah County, Utah

Project ID:

43-047-37221

Design parameters:

Collapse

Mud weight:

8.300 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

Environment:

H2S considered? Surface temperature:

No 65 °F 92 °F Bottom hole temperature:

Temperature gradient:

1.40 °F/100ft

Minimum section length:

299 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J) 1.60 (J)

1.50 (J)

1.50 (B)

Cement top:

541 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

1,071 psi 0.436 psi/ft 1,900 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Premium: Body yield:

Tension is based on air weight. Neutral point: 1,668 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

8,625 ft 10.900 ppg 4,884 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

1,900 ft 1,900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1900	9.625	32.30	H-40	ST&C	1900	1900	8.876	120.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	819	1370	1.672	1900	2270	1.19	61	254	4.14 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (801) 538-5281 FAX: (801)359-3940

Date: October 19,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

10-05 Westport NBU 1022-20F

Operator:

Westport Oil & Gas

String type:

Production

Location:

Uintah County, Utah

Project ID:

43-047-37221

Design parameters:

Collapse

Mud weight:

10.900 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

Environment:

H2S considered?

No Surface temperature: 65 °F 186 °F

Bottom hole temperature: 1.40 °F/100ft Temperature gradient:

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.60 (J)

1.50 (J)

Cement top:

Surface

Burst

Max anticipated surface

pressure:

1,120 psi

Internal gradient: Calculated BHP

0.436 psi/ft 4,884 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

> **Buttress:** Premium:

Body yield:

1.50 (B)

Tension is based on air weight. 7,220 ft Neutral point:

Non-directional string.

Run Seq	Segment Length	Size	Nominal Weight	Grade	End Finish	True Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
Seq	(ft)	(in)	(lbs/ft)	Orace	1 1111311	(ft)	(ft)	(in)	(ft³)
1	8625	4.5	11.60	M-80	LT&C	8625	8625	3.875	199.9
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (Kips)	Strength (Kips)	Design Factor
1	(psi) 4884	(psi) 6350	1.300	(psi) 4884	7780	1.59	100	267	2.67 B

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (801) 538-5281

FAX: (801)359-3940

Date: October 19,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 4, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-37218 NBU 1022-19J Sec 19 T10S R22E 1891 FSL 1969 FEL 43-047-37219 NBU 1022-20N Sec 20 T10S R22E 1131 FSL 2368 FWL 43-047-37220 NBU 1022-20L Sec 20 T10S R22E 1861 FSL 0669 FWL 43-047-37221 NBU 1022-20F Sec 20 T10S R22E 1867 FNL 2350 FWL 43-047-37222 NBU 1022-20D Sec 20 T10S R22E 1078 FNL 0606 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron From:

Ed Bonner

To:

Whitney, Diana

Date:

12/20/2005 9:54:05 AM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC

Big Pack 12-21-11-2

Big Pack 12-21-13-2

Big Pack 12-21-24-2

EOG Resources, Inc

Chapita Wells Unit 695-32

The Houston Exploration Company

North Walker Hollow 2-32-6-23

North Walker Hollow 8-32-6-23

North Walker Hollow 10-32-6-23

North Walker Hollow 12-32-6-23

North Walker Hollow 12-32-0-23

North Walker Hollow 16-32-6-23

North Horseshoe 12-7-6-22

North Horseshoe 16-9-6-22

North Horseshoe 14-10-6-22

North Horseshoe 2-15-6-22

North Horseshoe 4-15-6-22

Westport Oil & Gas Company

NBU 1022-20N

NBU 1022-20L

NBU 1022-20F

NBU 1022-20D

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

December 20, 2005

Westport Oil & Gas Company LP 1368 S 1200 E Vernal, UT 84078

Re: Natural Buttes Unit 1022-20F Well, 1867' FNL, 2350' FWL, SE NW, Sec. 20,

T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37221.

Sincerely,

Gil Hunt

Associate Director

Still &

pab Enclosures

cc: Uintah County Assessor

SITLA

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company LP						
Well Name & Number	Natural	Buttes Unit 1022-20F					
API Number:	43-047-	37221					
Lease:	ML-229	74					
Location: <u>SE NW</u>	Sec. 20	T. 10 South	R. 22 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 43-047-37221 December 20, 2005

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has c	hanged, effective:			1/6/2006			
FROM: (Old Operator):	Cana suo	TO: (New Or	perator):				
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		ซ Gas Onshor	e, LP		
1368 South 1200 East			outh 1200		-,		
Vernal, UT 84078			, UT 84078				
Phone: 1-(435) 781-7024		Phone: 1-(435)					
CA N	No.	Unit:		ATURAL B	UTTES	UNIT	
WELL NAME	SEC TWN RNG	API NO	ENTITY	LEASE	SE WELL WELL		
	4.	•	NO	TYPE	TYPE	STATUS	
OPERATOR CHANGES DOCUME	NTATION						
Enter date after each listed item is completed							
1. (R649-8-10) Sundry or legal documentation		FORMER one	rator on:	5/10/2006			
2. (R649-8-10) Sundry or legal documentation		=		5/10/2006	-		
3. The new company was checked on the Dep		-			-	3/7/2006	
4a. Is the new operator registered in the State		Business Numb	-	1355743-018		5.772000	
4b. If NO, the operator was contacted contact					•		
5a. (R649-9-2)Waste Management Plan has bee	n received on:	IN PLACE					
5b. Inspections of LA PA state/fee well sites co	mplete on:	n/a	3 LA well	s & all PA w	ells tran	sferred	
5c. Reports current for Production/Disposition	& Sundries on:	ok	-				
6. Federal and Indian Lease Wells:	The BLM and or the E	SIA has appro	ved the n	nerger, nan	ne chan	ge.	
or operator change for all wells listed on Fe			BLM	3/27/2006		not yet	
7. Federal and Indian Units:							
The BLM or BIA has approved the succe	ssor of unit operator for	wells listed on:		3/27/2006			
8. Federal and Indian Communizati	• `	,					
The BLM or BIA has approved the opera				n/a			
9. Underground Injection Control (vision has appro			sfer of A	uthority to	
Inject, for the enhanced/secondary recover	y unit/project for the wa	iter disposal wel	l(s) listed o	on:			
DATA ENTRY:							
1. Changes entered in the Oil and Gas Datab		5/15/2006					
2. Changes have been entered on the Monthly				5/15/2006	-		
3. Bond information entered in RBDMS on:		5/15/2006	•				
4. Fee/State wells attached to bond in RBDMS		5/16/2006					
5. Injection Projects to new operator in RBDM							
6. Receipt of Acceptance of Drilling Procedur	es for APD/New on:		n/a	Name Chan	ge Only		
BOND VERIFICATION:							
1. Federal well(s) covered by Bond Number:		CO1203					
2. Indian well(s) covered by Bond Number:	117.5.12	RLB0005239		D.T. D. O.O. 500	_		
3. (R649-3-1) The NEW operator of any fee v	•			RLB000523			
a. The FORMER operator has requested a rele	ase of liability from the	ir bond on:	n/a	_rider added	KMG		
The Division sent response by letter on: LEASE INTEREST OWNER NOTIF	TICATION:						
4. (R649-2-10) The FORMER operator of the		acted and info-	and by a lot	ter from the	Division		
of their responsibility to notify all interest ov			5/16/2006		DIVISIOH		
COMMENTS:			27 20 20 00				
· ·· · · · · · · · · · · · · · · · · ·							

* Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

	NOTICES AND REPORT	MULTIPLE LEASES					
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name		
	ICATE - Other instruc	ctions	on reverse	e side	7. If Unit or CA/Agreement	, Name and/or No.	
1. Type of Well Oil Well Gas Well	Other				8. Well Name and No.		
2. Name of Operator	C Other				MUTIPLE WELLS	•	
KERR-McGEE OIL & GAS	ONSHORE LP				9. API Well No.		
3a. Address		3b. P	hone No. (includ	le area code)			
1368 SOUTH 1200 EAST V			781-7024		10. Field and Pool, or Explor	atory Area	
4. Location of Well (Foolage, Sec.,	T., R., M., or Survey Description	n)		,			
SEE ATTACHED					11. County or Parish, State		
OLC ATTAONED					UINTAH COUNTY, U	TAH	
····	ROPRIATE BOX(ES) TO I	NDICA				A	
TYPE OF SUBMISSION			TYI	PE OF ACTION			
Notice of Intent	Acidize	=	epen _		(Start/Resume)		
Subsequent Report	Alter Casing Casing Repair Change Plans	Ne	cture Treat w Construction g and Abandon	Reclamatio Recomplete Temporaril	Other C	HANGE OF	
Final Abandonment Notice	Convert to Injection		g Back	Water Disp		IOR	
Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin	operations. If the operation resul bandonment Notices shall be filed	tsinam	ultiple completion	1 or recompletion i	n a new interval a Form 3160-4	shall be filed once	
PLEASE BE ADVISED THAT OPERATOR OF THE ATTACKERR-McGEE OIL & GAS COF THE LEASE(S) FOR THE IS PROVIDED BY STATE OF BLM B BIA	CHED WELL LOCATIO DNSHORE LP, IS RESF E OPERATIONS CONI	NS. E ONSI DUCTI BONI	EFFECTIVE BLE UNDEF ED UPON LI D NO. RLBQ	JANUARY 6, R TERMS AN EASE LANDS	2006. D CONDITIONS B. BOND COVERAGE D 5/6/06	RECEIVED MAY 1 0 2006 V. OF OIL, GAS & MINING	
14. I hereby certify that the foregoing			- Div	ision of Oil; (Jay and Mining		
Name (Printed/Typed)		Titl			Engineering Technicia	1	
FANDY BAYNE		Dat	ILLING MAN	IAGER			
Kanky & Sayre		Ma	y 9, 2006				
(THIS SPACE	FOR F	EDERAL OR S	TATE USE			
Approved by			Title		Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct the second of the s	table title to those rights in the subj t operations thereon.	ect lease	Office				
Title 18 U.S.C. Section 1001, make	it a crune for any person know	wingly a	ind willfully to r	nake to any depa	rtment or agency of the Unite	d States any	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY	NOTICES	AND F	REPORT	SON	WELLS
--------	---------	-------	--------	-----	-------

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPL	ICATE – Other instruct	ions on reverse	side	7. If Unit or CA/	Agreement, Name and/or No.
1. Type of Well					
Oil Well Gas Well 2. Name of Operator	Other	W	-	8. Well Name an	
•				MUTIPLE V	VELLS
WESTPORT OIL & GAS CO			<u></u>	9. API Well No.	
	/CCA/A/ //T 0.4070		area code)		
4. Location of Well (Footage, Sec.,		435) 781-7024		10. Field and Pool	, or Exploratory Area
- Location of Well (Poolage, Sec.,	1., K., M., or Survey Description)				<u> </u>
SEE ATTACHED				11. County or Pari	sh, State
OLE XI INOILED				UINTAH COU	NTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO INI	DICATE NATURE O	F NOTICE, R	EPORT, OR OTH	ER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
Notice of Intent	Acidize	3 0	<u> </u>		
Trouse of linear	Actorize Alter Casing	Deepen [] Fracture Treat	Reclamation	(Start/Resume)	Water Shut-Off
Subsequent Report	Casing Repair	New Construction	Recomplete	<u> </u>	Well Integrity Other CHANGE OF
	Change Plans	Plug and Abandon	Temporarily		OPERATOR
Final Abandonment Notice	Convert to Injection	Plug Back [Water Dispo		
testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	at inspection. 006, WESTPORT OIL & C THE ATTACHED WELL L APPRO Division of Earlene Ru	GAS COMPANY L	.P., HAS RE ERR-McGE 6 06 .U	ELINQUISHED E OIL & GAS	
14. I hereby certify that the foregoing	g is true and correct				· Var. 13/45 & MINHAG
Name (Printed/Typed) BRAD LANEY		Title ENGINEERING S	PRECIALIOT		
Signature		Date	PECIALIST		
		May 9, 2006			
	THIS SPACE FO	OR FEDERAL OR STA	ATE USE		
Approved by		Title		Date	
Conditions of some if a many	**************************************			5-9-0	(<u> </u>
Conditions of approval, if any, are attacked certify that the applicant holds legated equivalent would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	lease			-
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemen	it a crime for any person knowin	gly and willfully to ma after within its jurisdiction	ke to any depar on.	tment or agency of	the United States any

STATE OF UTAH

DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS AND MININ		6. Lease Designation and Serial Number
DIVISION OF OIL, GAS AND WHAT		ML-22974
		7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS ON	I WELLS	
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter		8. Unit or Communitization Agreement
Use APPLICATION FOR PERMIT for such proposals		NATURAL BUTTES UNIT
Type of Well		9. Well Name and Number
Oil Gas Other (specify)		NBU 1022-20F
2. Name of Operator		10. API Well Number
KERR-MCGEE OIL & GAS ONSHORE LP		4304737221
3. Address of Operator	4. Telephone Number	11. Field and Pool, or Wildcat
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	435-781-7003	NATURAL BUTTES
5. Location of Well		
Footage : 1867' FNL 2350' FWL	County :	UINTAH
QQ, Sec, T., R., M : SENW, SEC 20-T10S-R22E		UTAH
12. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE	, REPORT, OR OTHER DATA
NOTICE OF INTENT	-	BSEQUENT REPORT
(Submit in Duplicate)	(Sul	bmit Original Form Only)
Abandonment New Construction	Abandonment	* New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Pla	ns Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to	Injection Vent or Flare
	Fracture Treat	
	X Other SPUD	
Multiple Completion Water Shut-Off	A Other St CD	
Other	Date of Work Completion	10/4/06
	Date of Work Completion	10/4/00
Approximate Date Work Will Start	Report results of Multiple	Completions and Recompletions to different reservoirs
	on WELL COMPLETION	OR RECOMPLETION AND LOG form.
		ied by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pert	inent details, and give pertinent of	dates. If well is directionally drilled, give subsurface
locations and measured and true vertical depths for all markers and zones pertine MIRU PETE MARTIN DRILLING, SPUD 12.25" SURFACE HO	ent to this work.) TE (2) 1100 HPS 10/4/0	6 DRILL AND SET 40'
OF SHEDULE 10 PIPE, DRILL RODENT HOLES FOR RIG 38	AND BLM AND STAT	E NOTIFIED OF THIS SPUD.
WOAR.	IN DELIVER OF THE	
WOAK.		
14. I hereby certify that the foregoing is true and correct.		
Na MA II All han	Title Reg	gulatory Clerk Date 10/06/06
Name & Signature Ramey Hoopes	11ue Reg	Guideory Clork Date 10/00/00
(State Use Only)		
		007 1 1 0000

OCT 1 1 2006

STATE OF UTAH

 	MENT OF NATURAL RESOURCE N OF OIL, GAS AND MINI				SE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTIC	CES AND REPORTS	ON WEL	LS	6. IFIN	DIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, sign	nificantly deepen existing wells below curren	nt bottom-hole dept	h, reenter plugged wells, or to		or CA AGREEMENT NAME: T #891008900 A
4 TYPE OF WELL	GAS WELL 🗸 OTHER	<u>-</u>			L NAME and NUMBER:
2. NAME OF OPERATOR:					NUMBER:
KERR McGEE OIL & GAS ONSH	ORE LP				1737221
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST OITY VERNAL	L STATE UT ZIP 8	4078	PHONE NUMBER: (435) 781-7024		LD AND POOL, OR WILDCAT: FURAL BUTTES
4. LOCATION OF WELL		-			LUNTALI
FOOTAGES AT SURFACE: 1867'FNL, 235	50'FWL			COUNT	y: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIA	AN: SENW 20 10S 22	E		STATE:	UTAH
11. CHECK APPROPRIA	TE BOXES TO INDICATE	NATURE	OF NOTICE, REPOF	RT, O	R OTHER DATA
TYPE OF SUBMISSION			YPE OF ACTION		
☐ NOTICE OF INTENT	DIZE [DEEPEN			REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
` ' <u> </u>	ER CASING [☐ FRACTURE ☐ NEW CONS			TEMPORARILY ABANDON
·· 1 <u>=</u>	SING REPAIR ANGE TO PREVIOUS PLANS	OPERATOR		H	TUBING REPAIR
	ANGE TUBING	PLUG AND			VENT OR FLARE
	ANGE WELL NAME	PLUG BACK		П	WATER DISPOSAL
(Submit Original Form Only)	ANGE WELL STATUS	_	ON (START/RESUME)	一	WATER SHUT-OFF
Date of work completion:	MMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	Z	OTHER: SET SURFACE CSG.
12	NVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR COMPLETED	OPERATIONS. Clearly show all per	rtinent details in	cluding dates, depths, volume	s, etc.	
MIRU BILL MARTIN AIR RIG ON SURFACE CSG. LEAD CMT W/2 PPG 1.15 YIELD DOWN BACKSI WORT	10/09/2006. DRILLED 12 25 SX PREM CLASS G @	1/4" SURF)15.8 PPG	ACE HOLE TO 1900' 1.15 YIELD. TOP OU	. RAN	I 9 5/8" 32.3# H-40 450 SX CLASS G @15.8
NAME (PLEASE PRINT) SHELA UPOHEC	in this	TIT	REGULATORY A	ANAL`	/ST

(This space for State use only)

RECEIVED NOV 0 1 2006

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

			ENTITY ACTIO	N FORM		_		
Operator;	KERR	R McGEE OIL & GAS O	NSHORE LP	One	estar A	naavint M	umber:	N 2995
Address:	1368	SOUTH 1200 EAST		Оре	iatoi A	COUNT IN	umber: _	N
	city VI	ERNAL		_				
	state		zip 84078		_		_	(A35) 781_702A
	State		ZID OADA	_	,	hone N	umber: _	(435) 781-7024
Well 1								
API Nu			Name	QQ	Sec	Twp	Rng	County
430473		NBU 1022-20F		SENW	20	108	22E	UINTAH
Action	Code	Current Entity Number	New Entity Number	s	pud Da	te	Ent E	lity Assignmen
B		99999	2900	1	0/4/200	6	12/13/06	
Comment	MIRL	J PETE MARTIN BUCK D WELL LOCATION OF	KET RIG. WS7 N 10/4/2006 AT 1100	MVD HRS.				
	SPU	D WELL LOCATION OF	N 10/4/2006 AT 1100	HRS.	Sec	Twn	Rna	County
Wetl 2	SPU	D WELL LOCATION OF	KET RIG. WS7 N 10/4/2006 AT 1100	M V D HRS.	Sec	Twp	Rng	County
Wetl 2	SPUI	D WELL LOCATION OF	N 10/4/2006 AT 1100	HRS.	Sec oud Dat		Ent	
Wett 2 API Nur	SPUI	Well LOCATION OF Well Current Entity	N 10/4/2006 AT 1100 Name New Entity	HRS.			Ent	ity Assignment
Well 2 API Nur Action C Comments	mber Code	Well LOCATION OF Well Current Entity	N 10/4/2006 AT 1100 Name New Entity	HRS.			Ent	ity Assignment
Weil 2 API Nur Action C	mber Code	Well LOCATION OF Well Current Entity	Name New Entity Number	HRS.			Ent	ity Assignment

ACTION CODES:

Comments:

A - Establish new entity for new well (single well only)

 RAMEY HOOPES

Name (Please Print)

REGULATORY CLERK

10/5/2006

Title

RECEIVED

DEC 0 6 2006

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
DIVISION OF GIE, GAS AND MINNING	ML-2974
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 1022-20F
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304737221
3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
1368 SOUTH 1200 EAST CITY VERNAL STATE UT 2 84078 (435) 781-7024 4. LOCATION OF WELL	NATURAL BUTTES
FOOTAGES AT SURFACE: 1867'FNL, 2350'FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 20 10S 22E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: FINAL DRILLING OPERATIONS
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume FINISHED DRILLING FROM 1900' TO 8745' ON 12/19/2006. RAN 4 1/2" 11.6# I-80 PROD SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1120 SX 50/50 POZ @14.3 PPBOPE ROUGH CUT CSG. CLEAN PITS. RELEASED PIONEER RIG 38 ON 12/21/2006 AT 0400 HRS.	DUCTION CSG. LEAD CMT W/300
	RECEIVED
	DEC 2 6 2006
	DEG 2 0 2000
	DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND A	ADMIN SPECIALIST
SIGNATURE / / / / / / / / / DATE 10/21/2006	

(This space for State use only)

STATE OF UTAH

	DIVISION OF OIL, GAS AND MININ			5. LEASE DESIGNA ML-2974	ITION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORTS C	N WELL	.S	6. IF INDIAN, ALLO	TTEE OR TRIBE NAME:
Do not use this form for proposals to drill r drill horizontal la	new wells, significantly deepen existing wells below current baterals. Use APPLICATION FOR PERMIT TO DRILL form for	oottom-hole depth, or such proposals	reenter plugged wells, or to	7. UNIT or CA AGRI UNIT #8910	008900A
1. TYPE OF WELL OIL WELL	GAS WELL OTHER			8. WELL NAME and NBU 1022-2	
2. NAME OF OPERATOR:		*********	• • • • • • • • • • • • • • • • • • • •	9. API NUMBER:	
KERR McGEE OIL & GAS	3 ONSHORE LP	Т-	PHONE NUMBER:	4304737221	
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST	Y VERNAL STATE UT ZIP 840		(435) 781-7024	NATURAL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1867'F	-NI 2350'FWI			COUNTY: UINT	Γ A H
FOUTAGES AT SURFACE. 10011	NE, 20001 WE			0001111	
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SENW 20 10S 22E			STATE:	UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE N	NATURE C	F NOTICE, REPO	RT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFOR	RATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURET	REAT	SIDETRAC	K TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTI	RUCTION	TEMPORA	RILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR C	CHANGE	TUBING RE	EPAIR
	CHANGE TUBING	PLUG AND A	BANDON	☐ VENT OR F	FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DI	SPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	N (START/RESUME)	WATER SH	IUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATIC	ON OF WELL SITE		PRODUCTION
	CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION		START-UP
	OMPLETED OPERATIONS. Clearly show all pertin				
PLEASE REFER TO THE	ATTACHED CHRONOLOGICAL W	/ELL HIST	ORY.		
			and the state of t	RECE	VED
				JAN 2.2	2007
					917. N. A
OLIEU A I	IDCHECO		SENIOR LAND	DIV. OF OIL, GA ADMIN SPECI	
NAME (PLEASE PRINT) SHELA L	The season	TITLE	<u>JENION LAND</u>	COMIT OF EOI	
SIGNATURE / / / / /	LIMMUMO	DATE	1/18/2007		

(This space for State use only)



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-20F

SENW, SEC. 20, T10S, R22E UINTAH COUNTY, UT

DATE		Activity			Status
09/18/06		Building Location, 5% C	Complete	Pioneer 38	
09/19/06		Building Location, 15%	Complete	Pioneer 38	
09/20/06		Building Location, 35%	Complete	Pioneer 38	
09/21/06		Building Location, 45%	Complete	Pioneer 38	
09/22/06		Building Location, 55%	Complete	Pioneer 38	
09/25/06		Building Location, 65%	Complete	Pioneer 38	
09/26/06		Building Location, 65%	Complete	Pioneer 38	DRLG
09/27/06		Building Location, 65%	Complete	Pioneer 38	DRLG
09/28/06		Building Location, 65%	Complete	Pioneer 38	DRLG
09/29/06		Building Location, 70%	Complete	Pioneer 38	
10/02/06		Building Location, 90%	Complete	Pioneer 38	
10/03/06		Building Location, 95%	Complete	Pioneer 38	
10/04/06		LOCATION COMPLETE	E 100 P/L IN	Pioneer 38	
10/09/06	10/04/06	SET CONDUCTOR, W	OAR	Pioneer 38	
10/16/06	10/09/06 1878' @ 9 5/8"	AIR RIG SPUD, WORT		Pioneer 38	
12/05/06	TD: 1900' Move to NBU	Csg. 9 5/8"@ 1879' 1022-20F. Spot rig. SDF	MW: 8.3 N.	SD: 12/XX/06	DSS: 0
12/06/06	TD: 1900' Spot rig. RUR	Csg. 9 5/8"@ 1879' Г. SDFN.	MW: 8.3	SD: 12/XX/06	DSS: 0
12/07/06	TD: 1900' Spot rig. RUR	Csg. 9 5/8"@ 1879' Г. SDFN.	MW: 8.3	SD: 12/XX/06	DSS: 0

12/08/06

TD: 1900' Csg. 9 5/8"@ 1879' MW: 8.3 SD: 12/XX/06 DSS: 0

Continue RURT.

12/11/06

TD: 4080' Csg. 9 5/8"@ 1879' MW: 9.4 SD: 12/10/06 DSS: 1 Continue RURT. NU and test BOPE. PU BHA and DP. Drill cement and FE. Rotary spud @

0600 hrs 12/10/06. Drill from 1900'-4080'. DA @ report time.

12/12/06

TD: 5670' Csg. 9 5/8"@ 1879' MW: 9.6 SD: 12/10/06 DSS: 2

Drill from 4080'-5670'. DA @ report time.

12/13/06

TD: 6366' Csg. 9 5/8"@ 1879' MW: 9.9 SD: 12/10/06 DSS: 3

Drill from 5670'-6366'. DA @ report time.

12/14/06

TD: 6844' Csg. 9 5/8"@ 1879' MW: 10.0 SD: 12/10/06 DSS: 4

Drill from 6366'-6844'. DA @ report time.

12/15/06

TD: 6987' Csq. 9 5/8"@ 1879' MW: 10.0 SD: 12/10/06 DSS: 5

Drill from 6844'-6987'. POOH for new bit. Work through tight hole from 3800'-3130'. Change out

bit and MM. TIH @ report time.

12/18/06

TD: 8164' Csg. 9 5/8"@ 1879' MW: 11.2 SD: 12/10/06 DSS: 8

Drill from 6987'-8044'. TFNB. Drill to 8164'. POOH. Change bit and MM. TIH @ report time.

12/19/06

TD: 8745' Csg. 9 5/8"@ 1879' MW: 11.3 SD: 12/10/06 DSS: 9

TIH. Drill from 8164'-8745' TD. CCH @ report time.

12/20/06

TD: 8745' Csq. 9 5/8"@ 1879' MW: 11.4 SD: 12/10/06 DSS: 10

CCH and short trip 20 stds. Lay down drill string and run Triple Combo. RU casing crew and run

4 1/2" Production Casing @ report time.

12/21/06

TD: 8745' Csq. 9 5/8"@ 1879' MW: 11.4 SD: 12/10/06 DSS: 11

Run and cmt 4.5" prod csg. Set slips, NDBOP, and cut csg. Rls rig @ 0400 hrs on 12/21. RDRT

and move to NBU 1022-20D @ report time.

01/08/07 TALLY PICK TUBING

Days On Completion: 1

Remarks: IPPLE UP BOP TALLY & PICK UP 2 3/8", TAG @ 8692', POOH. NIPPLE DOWN BOP

NIPPLE UP FRAC VALVES SDFN.

01/09/07 TALLY PICK TUBING

MIRU CUTTERS AND LOG CBL TESTED CASING, TEST GOOD, FRAC WELLS TO 7500'

SDFN AT DEPTH AND WAITED ON FRAC CREW

01/10/07 FRAC

Days On Completion: 3

Remarks: MIRU HSC-CUTTERS FRAC STAGE RIH PERF @ 8313'-15' 3 SPF 8335'-37' 4 SPF 8390'-95' 4 SPF 8456'-58' 4 SPF 8607'-08' 4 SPF BRK PERF @ 4671# INJRT 50.4 BPM INJ PSI 4250# ISIP 2776# FG .77 FRAC W/ 58200# 30/50 SAND + 5000# 20/40 RESIN COATED SAND & 1650 BBL SLICKWATER MP 6711# MR 50.4 BPM AP 5197# AR 46.5 BPM ISIP 2683# FG .76 NPI -93#

STAGE @#2 RIH SET 8K CBP @ 8222' PERF @ 8041'-46' 4 SPF 8106'-09' 3 SPF 8187'-92' 3 SPF BRK PERF @ 4116# INJ RT 50.6 BPM INJ PSI 4500# ISIP 2575# FG .76 FRAC W/ 78200# 30/50 SAND + 5000# 20/40 RESIN COADED SAND + 1915 BBL SLICKWATER MP 4904# MR 51.7 BPM AP 3990# AR 49.7 BPM ISIP 2262# FG .72 NPI -313

STAGE #3 RIH SET 8K CBP 7643' PERF @ 7480'-85' 4 SPF 7532'-35' 3 SPF 7608'-13' 3 SPF BRK PERF @ 2797# INJRT 50 BPM INJ PSI 4500# ISIP 2059# FG .71 FRAC W/ 44100# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 1262 BBL SLICKWATER MP 4675# MR 52.2 BPM AP 3611# AR 50.2 BPM ISIP 4675# FG .76 NPI 342#

STAGE #4 RIH SET 8K CBP @ 7408' PERF @ 7133'-38' 4 SPF 7225'-29' 3 SPF 7269'-71' 4 SPF 7377'-78' 4 SPF BRK PERF @ 2448# INJ RT 50.7 BPM INJ PSI 4000# ISIP 1502# FG .65 FRAC W/ 73200# 30/50 SAND + 5000# RESIN COATED SAND + 1626 BBL SLICKWATER MP 5526# MR 51.3 BPM AP 3926# AR 50.2 BPM ISIP 2731# FG .82 NPI 1229#

STAGE #5 RIH SET 8K CBP @ 7069' PERF @ 6748'-50' 4 SPF 6864'-67' 3 SPF 6920'-22' 4 SPF 7003'-04' 4 SPF 7035'-39' 4 SPF BRK PERF @ 2233# INJ RT 50.8 BPM INJ PSI 3980# ISIP 1608# FG .67 FRAC W/ 62200# 30/50 SAND + 5000# 20/40 RESIN COATED SAND + 1492 BBL SLICKWATER MP 4634# MR 52.9 BPM AP 3567# AR 50.3 BPM ISIP 2404# FG .79 NPI 796# RIH SET 8K CBP 26598' RIG DOWN HSC & CUTTERS NIPPLE DOWN FRAC VALVES NIPPLE UP BOP SDFN

01/11/07 DRLG CBP&LAND TBG

Days On Completion: 4

Remarks: 7:00 AM. HSM. PU 3 7/8" BIT FAST EDDIE POBS & SN. RIH W/208 JTS OF 2 3/8" J-55 4.7# TBG.RU POWER SWIVEL. BRK CIRCULATION. RIH C/O 30' OF SAND TAG PLG 1 @ 6,598' DRL PLG IN 10 MIN 600 PSI INCREASE RIH

C/O 35' OF SAND TAG PLG 2 \odot 7,069' DRL PLG IN 10 MIN 1,100 PSI INCREASE RIH C/O 30' OF SAND TAG PLG 3 \odot 7,408' DRL PLG IN 10 MIN 800 PSI INCREASE RIH C/O 30' OF SAND TAG PLG 4 \odot 7,643' DRL PLG IN 10 MIN 300 PSI INCREASE RIH C/O 30' OF SAND TAG PLG 5 \odot 8,215' DRL PLG IN 10 MIN 1,000 PSI INCREASE RIH

BOTTOM SET OF PERFS COVERED WITH SAND TAG SAND @ 8,525'.

C/O 159' OF SAND TO PBTD OF 8,684'. CIR WELL CLEAN. POOH LD 31 JTS.ND BOP'S NU WELL HEAD. LAND 2 3/8" J-55 4.7# TBG W/244 JTS EOT @ 7,717.25'.DROP BALL TO SHEAR OFF POBS. PUMP 25 BBLS 2% KCL PUMP OFF BIT @ 1,300 PSI.HOOK UP FLOW LINE. TURN WELL OVER TO FLOW TESTERS. SDFN

282 JTS OUTBOUND 244 JTS LANDED

38 JTS RETURNED

01/11/07 FLOW BACK REPORT: CP: 1275#, TP: 1275#, 65 BWPH, 20/64 CHK, TTL BBLS FLWD: 1140, TODAYS LTR: 5705 BBLS, TTL LOAD REC'D: 1140 BBLS.

01/12/07 RIG DOWN CLEAN LOC MOVE

DC: \$6,345 CCC: \$383,693 CWC: \$1,336,235

FLOW BACK REPORT: CP: 1300#, TP: 1500#, 45 BWPH, 20/64 CHK, TTL BBLS FLWD: 1180, TODAYS LTR: 5705 BBLS. TTL LOAD RECD TO DATE: 2320 BBLS.

01/13/07 FLOW BACK REPORT: CP: 1500#, TP: 1600#, 30 BWPH, 20/64 CHK, TTL BBLS FLWD: 775, TODAYS LTR: 4525 BBLS, TTL LOAD RECD TO DATE: 3095 BBLS.

01/14/07 FLOW BACK REPORT: CP: 2000#, TP: 1650#, 25 BWPH, 20/64 CHK, TTL BBLS FLWD: 700, TODAYS LTR: 3750 BBLS, TTL LOAD RECD TO DATE: 3795 BBLS.
 01/15/07 FLOW BACK REPORT: CP: 2500#, TP: 1550#, 15 BWPH, 20/64 CHK, TTL BBLS FLWD: 485, TODAYS LTR: 2565 BBLS, TTL LOAD RECD TO DATE: 4280 BBLS.
 01/16/07 WELL WENT ON SALES: @ 11:30 AM, TBG: 1550/2500#, CSG: 2500#, 18/64 CHK, 1.5 MILLION MCF, 15 BWPH. ON SALES: 1658 MCF, 0 BC, 360 BW, TP: 1493#, CP: 2500#, 18/64 CHK, 12 HRS, LP: #.

AMENDED REPORT FORM 8 STATE OF UTAH (highlight changes) DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING ML-22974 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG UNIT or CA AGREEMENT NAME 1a. TYPE OF WELL: GAS Z DRY UNIT #891008900A 8. WELL NAME and NUMBER b. TYPE OF WORK: NBU 1022-20F DIFF. RESVR. HORIZ. RE-ENTRY WEW 🔽 OTHER API NUMBER 2. NAME OF OPERATOR: 4304737221 KERR McGEE OIL & GAS ONSHORE LP 10 FIELD AND POOL, OR WILDCAT PHONE NUMBER: 3. ADDRESS OF OPERATOR: NATURAL BUTTES STATE UT ZIP 84078 (435) 781-7024 ary VERNAL 1368 S 1200 E 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1867'FNL, 2350'FWL SENW 20 10S 22E AT TOP PRODUCING INTERVAL REPORTED BELOW: 13. STATE 12. COUNTY UTAH **UINTAH** AT TOTAL DEPTH: 17. ELEVATIONS (DF, RKB, RT, GL): 15. DATE T.D. REACHED: 16. DATE COMPLETED: 14. DATE SPUDDED: READY TO PRODUCE [7] ABANDONED 5299'GL 1/16/2007 12/19/2006 10/4/2006 21. DEPTH BRIDGE MD 19. PLUG BACK T.D.: MD 8,684 20. IF MULTIPLE COMPLETIONS, HOW MANY? 18. TOTAL DEPTH: 8,745 PLUG SET: TVD 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) YES [ио 🔽 (Submit analysis) WAS WELL CORED? CBL-CCL-GR NO 🗸 YES (Submit report) WAS DST RUN? ио 🗸 YES (Submit copy) DIRECTIONAL SURVEY? 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER **CEMENT TYPE &** SLURRY AMOUNT PULLED CEMENT TOP ** BOTTOM (MD) WEIGHT (#/ft.) TOP (MD) VOLUME (BBL) SIZE/GRADE NO. OF SACKS HOLE SIZE 28 40 14" STL 36.7# 20" 675 1.900 32.3# 12 1/4" H-40 9 5/8 1420 8,745 4 1/2 1-80 11.6# 7 7/8" 25. TUBING RECORD PACKER SET (MD) PACKER SET (MD) DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) DEPTH SET (MD) 7,717 2 3/8" 27. PERFORATION RECORD 26. PRODUCING INTERVALS PERFORATION STATUS INTERVAL (Top/Bot - MD) SIZE NO. HOLES TOP (TVD) BOTTOM (TVD) TOP (MD) BOTTOM (MD) FORMATION NAME \mathbf{Z} 32 Squeezed 0.35 Open 6.748 7.039 7,039 6,748 (A) WASATCH/MESA 8,608 0.35 105 Open Squeezed 7,133 8,608 (B) MESAVERDE 7,133 Open (C) Squeezed (D) 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. AMOUNT AND TYPE OF MATERIAL DEPTH INTERVAL PMP 1492 BBLS SLICK H2O & 56,700# 30/50 SD 6748'-7039' PMP 6453 BBLS SLICK H2O & 251,200# 30/50 SD 7133'-8608 30. WELL STATUS: 29. ENCLOSED ATTACHMENTS: DST REPORT DIRECTIONAL SURVEY **PROD** GEOLOGIC REPORT ELECTRICAL/MECHANICAL LOGS OTHER: CORE ANALYSIS SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

(CONTINUED ON BACK)

(5/2000)

RECEIVED

FEB 2 U 2007

1/16/2007	31. INITIAL PRO	DUCTION			IN	ITERVAL A (As show	wn in item #26)				
18/64 1,493 2,500					HOURS TEST			I -			PROD. METHOD: FLOWING
TEST DATE:					Y BTU - GAS	GAS/OIL RATIO	-				INTERVAL STATUS
1/16/2007		<u> </u>			IN	ITERVAL B (As sho	wn in item #26)				
18/64 1,493 2,500 NET PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → 0 1,658 360 PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → 0 1,658 360 PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → 0 1,658 MATER - BBL: PROD. MET. RATES: → 0 1,658 MATER - BBL: PROD. MET. RATES: → 0 1,658 MATER - BBL: PROD. MET. RATES: → 0 1,658 MATER - BBL: PROD. MET. RATES: → 0 1,658 MATER - BBL: PROD. MET. RATES: → 0 1,658 MATER - BBL: PROD. MET. MATER - BBL: NATER - BB								1			PROD. METHOD: FLOWING
NTERVAL C (As shown in Item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: PROD. MET RATES: → OIL - BBL: GAS - MCF: WATER - BBL: PROD. MET RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL RATES: → OIL - BBL: OIL -					Y BTU – GAS	GAS/OIL RATIO				1	INTERVAL STATUS PROD
CHOKE SIZE: TBG. PRESS. CSG. PRESS API GRAVITY BTU – GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL RATES: → OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL DIA SHOWN IN Item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL RATES: → OIL – BBL: GAS – MCF: WATER – BBL: OIL – GAS GAS – MCF: WATER – BBL: OIL – GAS GAS – MCF: WATER – BBL: OIL – GAS					IN	ITERVAL C (As sho	wn in item #26)				
INTERVAL D (As shown in Item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → TEST PRODUCTIO	DATE FIRST PF	RODUCED:	TEST DATE	: :	HOURS TEST	ED:		OIL - BBL:	GAS MCF:	WATER - 8BL:	PROD. METHOD:
DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: PROD. MET CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU − GAS GAS/OIL RATIO 24 HR PRODUCTION RATES: → OIL − BBL: GAS − MCF: WATER − BBL: INTERVAL 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shul-in pressures and recoveries. Formation Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured De	CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVIT	Y BTU - GAS	GAS/OIL RATIO		OIL BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU – GAS GAS/OIL RATIO 24 HR PRODUCTION OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured De) WASATCH 4,197 6,667		J			IN	TERVAL D (As sho	wn in item #26)	•		. •	
32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured De) WASATCH 4,197 6,667	DATE FIRST PF	RODUCED:	TEST DATE		HOURS TEST	ED:		OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
SOLD 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured De) WASATCH 4,197 6,667	CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVIT	Y BTU - GAS	GAS/OIL RATIO		OIL – BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured De) WASATCH 4,197 6,667		ON OF GAS (So	ld, Used for Fue	el, Vented, Etc.)	<u></u>	<u> </u>		1			
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top (MD) Bottom (MD) Descriptions, Contents, etc. Name Top (Measured Descriptions)		OF POROUS Z	ONES (include	Aquifers):			34	. FORMATION	(Log) MARKERS:		
Formation 100 Bottom (MD) Descriptions, Contents, etc. Name (Measured De WASATCH 4,197 6,667	Show all importa	ant zones of pon	osity and content	s thereof: Cored int	ervals and all drill-ste and recoveries.	em tests, including de	epth interval				
	Formati	on			Descr	riptions, Contents, etc	c		Name		Top Measured Depth)
TOP DARK CYN 6,667 6,789			4,197 6,667	6,667 6,789							

35. ADDITIONAL REMARKS (Include plugging procedure)

MESAVERDE

6,789

	n is complete and correct as determined from all available re	

NAME (DI EASE BRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE ////

DATE 2/12/2007

This report must be submitted within 30 days of

- · completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

^{*} ITEM 20: Show the number of completions if production is measured separately from two or more formations.

^{**}ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

FORM 9

STATE OF UTAH

	1	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2974					
	SUNDRY	NOTICES AND REPORTS	ON WEL	LS	6. IF IND	DIAN, ALLOTTEE OR TRIBE NAME:	
	drill horizontal la	new wells, significantly deepen existing wells below curraterals. Use APPLICATION FOR PERMIT TO DRILL for	ent bottom-hole dept orm for such proposal	n, reenter plugged wells, or to s.	UNIT	or CA AGREEMENT NAME: #891008900A NAME and NUMBER:	
	OIL WELL	GAS WELL 🗸 OTHER				1022-20F	
	AME OF OPERATOR: ERR McGEE OIL & GAS	S ONSHORE LP			9. API N	UMBER: 737221	
	DDRESS OF OPERATOR: 8 SOUTH 1200 EAST	y VERNAL STATE UT ZIP	84078	PHONE NUMBER: (435) 781-7024		D AND POOL, OR WILDCAT: URAL BUTTES	
	OCATION OF WELL DOTAGES AT SURFACE: 1867'F	FNL, 2350'FWL	•		COUNTY	UINTAH	
Q ^T	TR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SENW 20 10S 22	2E		STATE:	UTAH	
11.	CHECK APPE	ROPRIATE BOXES TO INDICAT	E NATURE (OF NOTICE, REPO	RT, OR	OTHER DATA	
•	TYPE OF SUBMISSION		- <u></u>	PE OF ACTION			
	NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS	DEEPEN FRACTURE NEW CONST	RUCTION		REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON	
✓	SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	PLUG AND A PLUG BACK PRODUCTIO RECLAMATI			TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF DTHER:	
TH LO AT	IE OPERATOR HAS PE CATION. THE OPERA 2:30 PM.	OMPLETED OPERATIONS. Clearly show all pa ERFORMED AN RECOMPLETIO ATOR HAS RETURNED THE SUB EATTACHED RECOMPLETION C	N IN THE W. BJECT WELI	ASATCH FORMATI LOCATION BACK	ION ON (TO PR		
	E (PLEASE PRINT) SHEILA U	JPCHEGO	TITLE	0/0/2008	ANALYS	ST	
SIGN	MATURE // / / / / / / / / / / / / / / / / /	~ pg/si ceg/o	DATE				
This s	pace for State use only)					RECEIVED	

SEP 1 1 2008

Start Date: 8/25/2008 WINS No.: 92013 NBU 1022-20F End Date: 8/29/2008 AFE No.: 2023807 **Operation Summary Report** SPUD DATE ΚВ ROUTE FIELD NAME Operator 5315 KERR MCGEE OIL & GAS ONSHORE LP NATURAL BUTTES 12/10/06 5,299 DIVISION COUNTY ΔPI ROCKIES UINTAH **UTAH** 4304737221 Footages: 1.867.00' FNL 2,350.00' FWL Q-Q/Sect/Town/Range: SENW / 20 / 10S / 22E Lat./Long.: Lat./Long.: 39.93661 / -109.46467 PBMD PBTVD LOG MD TVD 8684 8684 8475 Λ AFE NO.: 2023807 REASON: WAS **EVENT INFORMATION: FVENT ACTIVITY: RECOMPLETION** DATE WELL STARTED/RESUMED: OBJECTIVE: DEVELOPMENT Event End Status: COMPLETE **OBJECTIVE2: RECOMPLETE** Rig Operation Start Finish Drilling Rig Release Rig Off Location Begin Mobilization Rig On Location Rig Charges **RIG OPERATIONS:** 08/29/2008 08/25/2008 GWS 1 / 1 Operation Code Subco P/U Time Duration Phase Date Start-End (hr) de MD: 8/22/2008 SUPERVISOR: DAVID DANIELS Р **HSM** 48 - 7:30 0.50 COMP ROAD RIG F/ NBU 1021-5E. MIRU RIG, SPOT EQUIP. SALE Р COMP 31 ı 7:30 - 15:00 7.50 DOWN WELL OVER WEEKEND. SDFWE. MD: SUPERVISOR: DAVID DANIELS 8/25/2008 Р **HSM** 0.50 COMP 48 7:00 - 7:30 WELL PSI 55#. Ρ - 18:00 10.50 COMP 31 7:30 BLOW WELL DOWN T/ PROD TANK. RIG PUMP T/ TBG CONTROL WELL W/ 20 BBLS 2 % KCL. UNLAND TBG, LD 4 1/16 HANGER. POOH W/ SB 228 + 16 JTS OF 2 3/8, J-55 TBG. LD BHA= XN-NIPPLE + POBS. MD: SUPERVISOR: DAVID DANIELS 8/26/2008 HSM. HIGH PSI LINES. 48 - 7:30 0.50 COMP 7:00 OPEN WELL 55#. P 7.50 COMP 34 Н 7:30 - 15:00 MIRU CUTTER W.L. & B & C QUICK TEST. PU 4 1/2 GAUGE RING, RIH W/ GR T/ 6580'. POOH, LD GR. PU 4 1/2, 8K BAKER CBP. RIH SET CBP @ 6524'. POOH. PSI TEST CSG & BOTH FRAC VALVES T/ 6200#. HELD. BLEED OFF PSI T/ FLOW BACK TANK, RDMO B & C QUICK TEST. PU 3 3/8 EXP GUN, 23 GM, .36 HOLE, 90 & 120 DEG PHASING, RIH W/ GUN. PERF 6490'-94', 4 SPF, 16 HOLES. 6456'-58', 4 SPF, 8 HOLES. 6413'-17', 3 SPF, 12 HOLES. 6391'-93', 4 SPF, 8 HOLES. POOH, SB CUTTERS, SWI, PREP T/ FRAC IN THE AM. MD; SUPERVISOR: DAVID DANIELS 8/27/2008 Р HSM. COMP 48 9:00 - 9:30 0.50

4304737221 Wins No.: 92013 NBU 1022-20F API No.: AFE NO.: 2023807 **EVENT INFORMATION:** EVENT ACTIVITY: RECOMPLETION REASON: WAS DATE WELL STARTED/RESUMED: 12/10/2006 OBJECTIVE: DEVELOPMENT Event End Status: COMPLETE OBJECTIVE2: RECOMPLETE Rig Release Rig Off Location Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling RIG OPERATIONS: 08/29/2008 GWS 1/1 08/25/2008 Date Time Duration Phase Code Subco P/U Operation Start-End (hr) de MIRU WEATHERFORD FRAC SERV, PSI TEST LINES T/ 7200#. 8.50 COMP 36 P 9:30 - 18:00 GOOD TEST. BLEED OFF PSI. STG 1) OPEN WELL 600#. BRK 2685# @ 2.9 BPM, SD ISIP 1899#, FG .73. PUMP 19,844# OF 30/50 SAND, TAIL IN W/ 5000# 30/50 TLC, SD ISIP 2318#, FG .79, SWI, TURN WELL OVER FOR W.L. STG 2) PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLES, 90 DEG PHASING. RIH SET CBP @ 5950', P/U PERF 5918'-20', 4 SPF, 8 HOLES. 5822'-30', 4 SPF, 32 HOLES. POOH. X-OVER T/ FRAC. BRK 2750# @ 2.9 BPM. PUMP 22,334# 30/50 SAND & 5000# 30/50 TLC. SD ISIP 1846#, FG .75. X-OVER FOR W.L. STG 3)PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23GM, .36 HOLE, 90 DEG PHASING. RIH SET CBP @ 5616', P/U PERF 5582'-86', 4 SPF, 16 HOLES. 5543'-47', 4 SPF, 16 HOLES. 5452'-54', 4 SPF, 8 HOLES. POOH, X-OVER FOR FRAC, OPEN WELL 0#, BRK 3391# @ 2.9 BPM. SD ISIP 1134#, FG .64. PUMP 17,764# 30/50 SAND & 5000# 30/50 TLC. SD ISIP 1126#, FG .64. SWI. X-OVER FOR W.L. STG 4) PU 4 1/2, 8K BAKER CBP & 3 3/8 EXP GUN, 23 GM, .36 HOLE, 120 DEG PHASING, RIH SET CBP @ 5292', P/U PERF 5148'-62', 3 SPF, 42 HOLES, POOH, X-OVER FOR FRAC, OPEN WELL 0#. BRK 4301# @ 2.4 BPM. SD ISIP 970#, FG .64. PUMP 19.173# 30/50 SAND & TAIL IN W/ 5000# 30/50 TLC. SD ISIP 2287#, FG .88. SWI, X-OVER FOR W.L. PU 4 1/2, 8K BAKER CBP. RIH SET @ 5110'. POOH. RDMO CUTTERS & WETHERFORD FRAC SERV. ND FRAC VALVES, NU BOPS. RU TBG EQUIP. PREP T/ RIH & DRL OUT IN THE :AM. SWI SDFN. MD: SUPERVISOR: DAVID DANIELS 8/28/2008 HSM. 7:00 - 7:30 0.50 COMP 48 7:30 - 19:00 11.50 COMP 44 С OPEN WELL 0#. PU 3 7/8 BIT+X-DART SUB+POBS+XN-NIPPLE, RIH W/ 2 3/8, J-55 TBG. TAG FILL @ 5100'. RU DRL EQUIP & PUMP & LINES. CBP 1)TAG FILL @ 5100'=10' OF FILL. DRL OUT CBP @ 5110' IN 10 MIN, 0# INCR. CONT RIH. CBP 2)TAG FILL @ 5162'=30' OF FILL. DRL OUT CBP @ 5192' IN 9 MIN, 300# INCR. CONT RIH. CBP 3)TAG FILL @ 5586'=30' OF FILL. DRL OUT CBP @ 5616' IN 12 MIN. 350# INCR. CONT RIH. CBP 4)TAG FILL @ 5920'=30' OF FILL. DRL OUT CBP @ 5950' IN 9 MIN, 250# INCR. CONT RIH. CBP 5)TAG FILL @ 6484'=40' OF FILL. CO 40' OF SAND, CIRC SAND T/ SURFACE, DRL OUT CBP @ 6524', IN 8 MIN, WELL WENT ON VACCUM. CONT RIH TAG @ 8019', RU FU. BRK CONV CIRC W/ FOAM, DRL OUT 40' OF SCALE, FELL THROUGH. CONT RIH W/ TBG. TAG @ 8173', CIRC W/ FU, DRL OUT 15' SCALE BRIDGE FELL THROUGH. CONT RIH, TAG FILL @ 8608'. CIRC W/ FU, CO T/ 8658', DRL FOR 30 MIN DIDN'T MAKE ANY HOLE, CIRC CLEAN W/ FU. RD DRL EQUIP, POOH. LD 30 JTS L-80 WORK STRING. SWI. SDFN. EOT @ 7696'=244 JTS IN WELL

Vins No.: 9	2013			- 145 - 145 - 145		1022-2				API NO.:	4304737221 O.: 2023807
EVENT INFO	RMATION:		NT ACTIVIT			ON		ON: WAS	OLIMED.	AFEN	O., 2023001
			ECTIVE: D					WELL STARTED/RES			
		OBJ	ECTIVE2:	RECOMPLI	ETE		Event	End Status: COMPLE			
RIG OPERAT	IONS:	Begir	Mobilizatio	n Rig On	Location	Rig C	harges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
WS 1 / 1				08/25	/2008						08/29/2008
Date	Tir Start		Duration (hr)	Phase	Code	Subco	P/U		Opera	tion	
100/0008			AVID DAN	IFLS	<u> </u>	1 40 1		1			MD:
/29/2008		- 7:30	0.50	COMP	48		Р	HSM.			
		- 7.30 - 11:00	3.50	COMP	31	1	Р	SICP 1400#.			
								OPEN WELL T/ FLC FOR TBG. PU 10 JT HANGER. LAND TB KB 4 1/16 HNGR 244 JTS 2 3/8 10 JTS NEW 2 3/8 POBS	S OF 2 3/8, J-5 G W/ 16. 7690 314	5 TBG. PU 4 1/ 00 .83 .85	116 TBG
								EOT @	8022	2.24	
								ND BOP, NU WH. D KCL, DID NOT SEE RDMO RIG. RU FU STABLIZED 1665#, AROUND. SD. HOO 1795#, STARTED D AGAIN. OPEN TBG FLOWING. SD FU. OVER T/ FBC. FTP END JOB.	EIT GO. OPEN T/ CSG VALVE PUMP FOR 2 DK UP T/ TBG, DROPPING. SD T/ FBT, BLOW TBG CONTINU	WELL T/ FBT. E. ATTM T/ UNI HRS, WOULD PUMP FOR 30 PRU T/ CSG. A OOWN T/ 0# TED T/ FLOW.	ON A VACCUM. LOAD WELL PSI NOT COME MIN, PSI T/ TTM T/ UNLOAL THEN STARTED TURN WELL
	OLIDED	VICOD. I		שבו כ			****				MD:
8/30/2008	<u>SUPER</u> 7:00		David Dai	NIELO	33	Α		7`AM FLBK REPOR MEDIUM SAND, - (TTL BBLS RECOVE BBLS LEFT TO RE	GAS ERED: 470	TP 125#, 20/64	' CK, 14 BWPH,
	CLIDED	MEORE	CONTICE	4DHII							MD:
9/8/2008	14:30		LEON HEN	PROD				WELL TURNED TO CP 1357#, CK 18/6	O SALES @ 143 4" 500 MCFD.	30 HR ON 9/08 312 BWPD	/2008 - FTP 800#

		Г	DEPAR		TATE (URCES	3					ENDEC				F	ORM 8
		D	IVISI	ON O	FOIL,	GAS	AND I	MININ	G				5. LI		SIGNA	ATION A	ND SE	RIAL NUM	BER:
		\		<u> </u>	2500				-005	T A NIE				INDIAN,			R TRII	BE NAME	
	L COMF						EIIC	ON KE	=POR	(I ANL	LOG		<u> </u>		100		- 1101		
1a. TYPE OF WELL:		OIL WE	LL C]	GAS WELL Z	7]	DRY		OTH		21.11		1	NIT OF CA	#89	1008	900		
b. TYPE OF WORK NEW WELL	t: HORIZ. LATS.	DEI EN	EP-]	RE- ENTRY		DIFF. RESVR.	7	ОТН		OMPLE	ΓΙΟΝ		VELL NAM NBU 1					
2. NAME OF OPERA		& GAS	S ON	SHOR	E LP		·							PI NUMBI 43047		21			
3. ADDRESS OF OP 1368 S 1200		CIT	iy VE	RNAL		STATE	UT	ZIP 840	078		NUMBER: 5) 781-7	024		IELD AND					
4. LOCATION OF W													11. (QTR/QTR MERIDIAN	, SEC	TION, T	OWNS	HIP, RANG	E,
AT SURFACE:	1867'FNL	_, 2350)'FW	L										ENW	20)S		
AT TOP PRODUC	CING INTERVA	L REPOR	TED BE	LOW:															
14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: 17. ELEVATIONS (DF, RKB, RT, GL):												UTAH							
14. DATE SPUDDED 10/4/2006		DATE T.0 12/19/2				COMPL 2008	ETED:	P	ABANDONI	ED	READY TO P	RODUCE	V		VATIC 299'		, RKB,	RT, GL):	
18. TOTAL DEPTH:	0,7	15		19. PLUG	BACK T.C		8,658		20. IF N	MULTIPLE CO	OMPLETIONS,	HOW M	ANY? *	21. DEP	TH BF .UG SE		MD		
22. TYPE ELECTRIC	TVD C AND OTHER I	MECHANI	CAL LO	GS RUN (Submit cop	TVD by of each)			23.						, 	TVD		
N/A				•	•		,			WAS DST			NO NO	<u></u>	YES [(Subn	nit analysis)	
24. CASING AND LI	NED DECODO	/Penort a	II etrina	e eat in w	الم					DIRECTIO	NAL SURVEY	, 	NO	<u> </u>	YES		(Subn	nit copy)	
		`				MD)	DOTTO	MA (MATO)	STAGE C	EMENTER	CEMENT TY	PE&	SLUF	RRY	051		OD **	AMOUNT	T DULL ED
HOLE SIZE	SIZE/GRAD		WEIGHT		TOP (MD)	вотто			PTH	NO. OF SA	CKS	VOLUM		CEN	MENT T		AMOUN	T PULLED
20"		STL	36. 32.		40			_		28 675				 			<u> </u>		
12 1/4" 7 7/8"		-40 -80	32. 11.					900 745			1420	_			⊢		—		
7 770	4 1/2 1	-60	11.	0#			0,7				1420	-			 				
														<u>.</u>					
25. TUBING RECOR	RD																		
SIZE	DEPTH SE	ET (MD)	PACK	KER SET (MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE		EPTH	SET (N	AD)	PACKER	SET (MD)
2 3/8"	8,02	22																	
26. PRODUCING IN		TOD (MD	DOTT	NA (145)	TOD	(T) (D)	LDOTTO	M (77) (70)		RATION RECO		SIZE	NO HOL	EC I	- 01	PEOC	ATION ST	TUE
(A) WASATC		5,1	•		ом (MD) 494	TOP	(TVD)	ВОТТО	M (TVD)	INTERVAL (Top/Bot - MD) 5,148 6,494			0.36	NO. HOLES 6 166		 		Squeezed	_
(B)	11	J, 1	40	0,	434	<u> </u>				3,140	0,-	-	0.00	- 100		Open	╬	Squeezed	
(C)				<u> </u>								-				Open	一	Squeezed	
(D)								<u> </u>				_			十	Open	Ħ	Squeezed	
28, ACID, FRACTUR	RE, TREATMEN	NT, CEME	NT SQU	EEZE, ET		I		<u> </u>											
DEPTH	INTERVAL								AM	OUNT AND T	YPE OF MATE	RIAL							
5148'-6494'			PMI	P 2340	SLIC	K H20	BBL:	S & 79	,115#	30/50 S	D								
	,										_								
29. ENCLOSED AT	TACHMENTS:						-									30	. WEL	L STATUS:	
=	RICAL/MECHAI			O CEMEN	Γ VERIFIC <i>i</i>	ATION		GEOLOGI CORE AN	IC REPOR IALYSIS	=	DST REPORT		DIREC	TIONAL S	3URVE	≣Y	1	PRO	D
												F	IEC	EIV	Æ				

(CONTINUED ON BACK)

(5/2000)

OCT 0 6 2008

31. INITIAL PR	ODUCTION				INT	ERVAL A (As sho	wn in item #26)					
DATE FIRST PF 9/8/2008	RODUCED:	7EST DA 9/11/		}	HOURS TESTER	D: 13	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 495	WATER - BBL 108	PROD. METHOD: FLOWING	
CHOKE SIZE: 18/64	твс. PRES 750			API GRAVITY	BTU – GAS	BTU – GAS GAS/OIL RATIO		OIL - BBL:	GAS – MCF: 495	WATER - BBL 108	PROD	
, -					INT	ERVAL B (As sho	wn in item #26)					
DATE FIRST PRODUCED:		TEST DA	ATE:		HOURS TESTED	D;	TEST PRODUCTION RATES: →	N OIL - BBL:	GAS - MCF:	WATER - BBL	PROD. METHOD:	
CHOKE SIZE:	HOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY		API GRAVITY			24 HR PRODUCTIO RATES: →	N OIL – BBL:	GAS - MCF:	WATER - BBL	INTERVAL STATUS:		
				1	INT	ERVAL C (As sho	wn in item #26)				•	
DATE FIRST PRODUCED:		TEST DA	TEST DATE:		HOURS TESTED	HOURS TESTED:		N OIL - BBL:	OIL – BBL: GAS – MCF:		PROD, METHOD:	
CHOKE SIZE:	E: TBG. PRESS. CSG. PRESS. API GRAVI		API GRAVITY	BTU GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	N OIL – BBL:	GAS - MCF:	WATER - BBL	INTERVAL STATUS:		
					INT	ERVAL D (As sho	wn in item #26)				•	
DATE FIRST PRODUCED:		TEST DA	TEST DATE:		HOURS TESTED	HOURS TESTED:		OIL - BBL:	GAS - MCF:	WATER - BBL	PROD. METHOD:	
CHOKE SIZE:	TBG. PRES	S. CSG. PR	CSG, PRESS. API GRAVITY		BTU – GAS	GAS/OIL RATIO		N OIL – BBL:	GAS - MCF:	WATER - BBL	INTERVAL STATUS:	
32. DISPOSITION SOLD	ON OF GAS (S	Sold, Used for F	Fuel, Ver	nted, Etc.)		-I					'	
33. SUMMARY	OF POROUS	ZONES (Includ	le Aquife	ers):	·		T	34. FORMATION	(Log) MARKERS:	1.11.21		
Show all importatested, cushion u					vals and all drill-stem d recoveries.	n tests, including de	epth interval					
Formation Top Bottom (MD) (MD)					Descrip	tions, Contents, etc	2.		Name		Top (Measured Depth)	
WASATCI TOP DAR MESAVER	K CYN	4,197 6,667 6,789										

35. ADDITIONAL REMARKS (include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT

REGULATORY ANALYST

SIGNATURE

9/23/2008 DATE

This report must be submitted within 30 days of

- completing or plugging a new well
- · drilling horizontal laterals from an existing well bore
- · recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940